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Agency Secretary
Cal/EPA



Department of Toxic Substances Control

5796 Corporate Avenue
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Arnold Schwarzenegger
Governor

April 6, 2005

Mr. F. Andrew Piszkin
BRAC Environmental Coordinator
Base Realignment and Closure
Marine Corps Air Station El Toro
7040 Trabuco Road
Irvine, California 92618

SUMMARY REPORT FOR AERIAL PHOTOGRAPH ANOMALY (APHO) 38, FORMER MARINE CORPS AIR STATION (MCAS) EL TORO

Dear Mr. Piszkin:

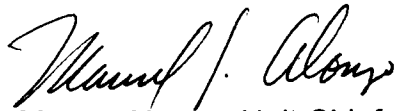
The Department of Toxic Substances Control (DTSC) has reviewed the subject document dated December 19, 2003. The summary report presents the results of the geophysical survey and soil vapor survey of APHO 38 (also referenced as Science Applications International Corporation (SAIC) 252). The anomaly was identified on an aerial photograph take in 1973 and is described as a probable excavation adjacent to Building 1789, northeast of the intersection of El Toro Boulevard, N 2nd Street, and East Marine Way in the southeastern quadrant of the base. APHO 38 was used for training on decontamination of motor vehicles. The liquid wastes were discharged to large shotcrete and concrete lined impoundments and eventually discharged to the sanitary sewer system.

A total of 34 soil samples including two surface soil samples were taken from twelve locations. These samples were analyzed for volatile organic compounds (VOCs), semi-VOCs, total petroleum hydrocarbons (TPH) as gasoline, TPH as diesel, and metals. Twenty one soil vapor samples were analyzed for VOCs. The results from the site assessment report shows the net carcinogenic risk is less than 1×10^{-6} for the residential uses. The geophysical survey indicated that no material was buried beneath the concrete impoundments. The report recommends a no further action status for APHO 38.

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Based on the results of the geophysical, soil, and soil gas surveys, DTSC concurs with the no further action status designation for APHO 38 pending regulatory concurrence with the results and conclusions of the radiological assessment and recommendation for unrestricted radiological release. If you have any questions, please contact Mr. Frank Cheng, Hazardous Substances Engineer, at (714) 484-5395.

Sincerely,



Manny Alonzo, Unit Chief
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